

CURRICULUM VITAE

NAME: Dorothy K. Hatsukami, Ph.D.

ADDRESS: Tobacco Use Research Center
University of Minnesota
717 Delaware St SE
Minneapolis, MN 55414

(b) (6) : (b) (6)

EDUCATION:

Undergraduate: B.A. Psychology
University of California, Berkeley, 1969-1973

Graduate: Ph.D. Psychology
Clinical Psychology Training Program
University of Minnesota, 1974-1980

Internship: Department of Psychiatry and Behavioral Sciences
University of Washington, Seattle, Washington, 1977-1978

ACADEMIC APPOINTMENTS:

2008-present	Associate Director of Cancer Prevention and Control, University of Minnesota, Masonic Cancer Center,
2005–2008	Co-Program Leader, Prevention and Etiology, Masonic Cancer Center, University of Minnesota,
2005 - present	Forster Family Professor in Cancer Prevention, Masonic Cancer Center, University of Minnesota,
1995 - present	Professor, Department of Psychiatry, University of Minnesota
1995 - present	Adjunct Professor, Department of Psychology, University of Minnesota
1999 - present	Adjunct Professor, Division of Epidemiology, University of Minnesota
1989 – 1995	Associate Professor, Department of Psychiatry, University of Minnesota
1989 – 1995	Adjunct Associate Professor, Department of Psychology, University of Minnesota
1980 – 1989	Assistant Professor, Department of Psychiatry, University of Minnesota
1986 – 1989	Adjunct Assistant Professor, Department of Psychology, University of Minnesota

PROFESSIONAL LICENSURE:

Licensed Psychologist in the State of Minnesota

POST GRADUATE HONORS AND AWARDS:

Governor's Award for a Better Minnesota

Ove Fernö Award for contributions in the area of tobacco dependence, Collegium Internationale Neuropsychopharmacologicum
Marian Fischman Memorial Award, College on Problems of Drug Dependence
American Psychopathological Association, Fellow
American Psychological Society, Charter Fellow
American Psychological Association, Divisions 28 Fellow and 50 Charter Fellow
Society for Behavioral Medicine, Fellow

TEACHING ACTIVITIES:

Clinical and Research Supervisor Assignments:

1980 - present Supervision of and advisor to postdoctoral, psychology graduate and undergraduate students in research
1980 – 1995 Supervision of residents and psychology graduate students in psychiatric evaluation and psychotherapy (inpatient and outpatient)
1976 – 1987 Supervision of child clinical psychology students on administration and evaluation of psychological tests

Courses:

2000 –present Neurobehavioral Pharmacology Seminar, Department of Psychology and Pharmacology, University of Minnesota, Lecturer
1986 – 2000 Neurobehavioral Pharmacology Seminar, Department of Psychology and Pharmacology, University of Minnesota, Co-instructor
2000 – 2007 Neuroscience Principles of Drug Abuse, Neuroscience Program, University of Minnesota, Lecturer
1995 – 2006 Human Behavior, University of Minnesota Medical School, Medical Students, Lecturer
1981 - 2006 Applied Behavioral Analysis for Psychiatry Residents, Department of Psychiatry, University of Minnesota, Co-instructor
1983 – 2002 Substance Abuse and Associated Psychiatric Disorders, Department of Psychiatry, University of Minnesota, Lecturer
1993 – 2002 Biological Psychiatry I and II, Department of Psychiatry, University of Minnesota, Lecturer
1994 - 1996 Addiction Psychiatry Seminar, Department of Psychiatry, University of Minnesota, Lecturer
1994 Psychoimmunology Seminar, Department of Medicine, Hennepin County Medical Center, Lecturer
1990 Cognitive Behavioral Therapy, Department of Psychiatry, University of Minnesota, Co-instructor
1989 – 1992 Research Methods, Department of Psychiatry, University of Minnesota, Lecturer
1984 – 1992 Medical Student Clerkship Seminars, Department of Psychiatry, University of Minnesota, Lecturer
1981 – 1989 Psychopharmacology Seminar, Department of Psychiatry, University of Minnesota, Lecturer
1982 -1985 Psychobiology of Addictive Behavior, Department of Psychology, University of Minnesota, Co-instructor
1979 Cognitive-Behavioral Therapy Conference, Department of Psychiatry, University of Minnesota, Instructor

1979 Women and Chemical Dependency, Department of Psychology,
University of Minnesota, Instructor

CLINICAL DUTIES:

1980 - 1989 Diagnostic evaluations and psychotherapy (group and individual) on an
outpatient basis; treatment program development for smoking, obesity and
bulimia, stress management and alcohol abuse
1983 - 1989 Psychologist on Inpatient Eating Disorders Unit
1983 - 1985 Psychologist on Inpatient Chemical Dependency Unit and General
Psychiatric Unit

PROFESSIONAL ACTIVITIES:

National and International Advisory Councils and Groups

2002 - 2006 National Advisory Council on Drug Abuse, National Institute on Drug
Abuse (Member of Steering Committee and Chair of Bioethics
Subcommittee)
2003 - 2006 National Advisory Committee, Interagency Committee on Smoking and
Health
2003 - 2006 Drug Control Research, Data and Evaluation Committee, Office of
National Drug Control Policy (ONDCP)
1998 - 2003 National Advisory Panel, Substance Abuse and Mental Health Services
Administration
2000 - 2002 Emerging Science Advisory Group, American Legacy Foundation
1999 - 2001 Institute of Medicine, The Committee to Assess the Science for Tobacco
Harm Reduction
2001 Progress Review Group, National Cancer Institute, Lung Cancer
1998 Advisory Panel Member, Institute of Medicine, Medicinal Use of
Marijuana
1993 - 1996 Scientific Board of Counselors, National Institute on Drug Abuse,
Addiction Research Center

Scientific Organizations

2000 - present Co-chair, Society for Research on Nicotine and Tobacco with World Bank
Organization, Cochrane Group and Center for Disease Control, *Treatment
Data Base and Educational Resource for Tobacco Dependence*
2004-2007 Treasurer and Executive Committee Member, College on Problems of
Drug Dependence
2006 Awards Committee Member, Society for Research on Nicotine and
Tobacco
2004-2005 Program Planning Committee, American Association for Cancer
Research, *Frontiers in Cancer Prevention Research*
2002 - 2003 Past President and Executive Committee Member, College on Problems of
Drug Dependence
2001 - 2002 President, College on Problems of Drug Dependence
2000 - 2002 Global Network Committee Member, Society for Research on Nicotine
and Tobacco

2000 - 2001	Past President and Executive Board, Society for Research on Nicotine and Tobacco
1999 - 2002	Awards Committee Member, Society for Research on Nicotine and Tobacco
2000	Chair, Nominations Committee, College on Problems of Drug Dependence
1996 - 2000	Board of Directors, College on Problems of Drug Dependence
1994 - 2000	Chair, Publications Committee, College on Problems of Drug Dependence
1999 - 2000	President, Society for Research on Nicotine and Tobacco
1994 - 1997	Executive Committee Member and Member Delegate, Society for Research on Nicotine and Tobacco
1995 - 1996	Division 28, Executive Committee Member (CPDD Liaison), American Psychological Association
1994 - 1996	American Psychological Association/College on Problems of Drug Dependence Liaison

University of Minnesota Committees

2006	Strategic Positioning Taskforce on Collaborative Research
1995 - 1998	Research Committee, University of Minnesota Senate Faculty Committee
1993 - 1995	Social Concerns Committee, University of Minnesota Senate Faculty Committee
1994 - 1995	Advisory Committee for Technology Transfer, University of Minnesota
1991 - 1993	Smoke-Free Policy Committee, University of Minnesota

University of Minnesota Academic Health Center Committees

2008 – 2009	Strategic Planning for the Masonic Cancer Center
2008 – 2009	Strategic Planning for the Center for Lung Health Science
2004-2007	Search Committee, The Cancer Center Director
2004-2005	Search Committee, Executive Director of Clinical Research
2004-2005	Search Committee, The Cancer Center and Division of Epidemiology, Faculty

University of Minnesota Centers and Medical School Committees

1995 – present	Tobacco Use Research Center, Director
2006 – present	Center for Lung Science and Health, Leadership Team
2008 – present	Clinical Research Leadership, Masonic Cancer Center
2008 – 2009	Search Committee for Head, Department of Neurology
2004 - 2008	Masonic Cancer Center, Executive Committee, Program Co-Leader, Cancer Prevention and Etiology
2001 - 2007	Lillehei Heart Institute, Scientific Advisory Committee, Group Leader for Epidemiology and Prevention
2000 - 2003	Research Council
2002	Clinical Research Committee
2001 - 2003	Senate Faculty Alternate
1989 - 2000	Women in Medicine Advisory Committee
1990 - 2000	Committee on Student Scholastic Standing
1997	Search Committee for Associate Dean for Research
1997	Search Committee for Associate Dean for Education

1990 - 1997 Standard's Committee for Psychologists
1994 - 1995 Clinical Neurosciences Task Force

University of Minnesota, Department of Psychiatry

2001 - 2008 Executive Committee
2001 - 2005 Research Council
1994 - 2005 Member, Research Committee
2000 (b) (6)
1990 - 1994 Chairperson, Research Committee
1983 - 1985 Utilization Review Panel, Department of Psychiatry, University of Minnesota

Community Committees

2002 - present Board of Directors, Minneapolis Medical Research Foundation
2001 - 2008 Board of Directors, Smoke Free Coalition
1995 - 2003 Scientific Advisory Board, Hazelden Foundation, Center City, MN
1994 - 1998 Tobacco Control CORE Management Team, American Cancer Society
1995- 1998 Alcohol and Drug Education/Prevention Team, Breck School, Minneapolis, Minnesota
1979 Chemical Dependency Task Force, Minnesota Mental Health Association, Minneapolis, Minnesota

Other Activities (Committees, consultant)

International

2007 Consultant, World Health Organization Tobacco Free Initiative, Study Group on Tobacco Product Regulation, Smokeless Tobacco, July, Palo Alto, CA
2006 Consultant, World Health Organization Tobacco Free Initiative, Study Group on Tobacco Product Regulation Tobacco Harm Reduction, July, Washington, DC
2006 Consultant, Health Canada, Healthy Environments and Consumer Safety Branch, "Evaluation of 'Reduced Exposure' Tobacco Products: Measures and Methods", November
2004-2006 Program Planning Committee, 13th World Conference on Tobacco or Health, UICC World Cancer Congress
1999 General Rapporteur, WHO International Conference on Tobacco and Health, "Making a Difference to Tobacco and Health, Avoiding the Epidemic in Women and Youth," November, Kobe, Japan
1999 Chair, Preparatory Meeting of Experts, WHO International Conference on Tobacco and Health, "Making A Difference to Tobacco and Health, Avoiding the Epidemic in Women and Youth," July, Tokyo, Japan

National

2004 – present Co-chair (with Mitch Zeller), Tobacco Harm Reduction Network, National Cancer Institute, American Legacy Foundation
2003- 2008 Scientific Advisory Board, Massachusetts Department of Health, Tobacco Ingredient Disclosure
2004 - present Chapter Editor, Nicotine Addiction, Center for Disease Control and Prevention, Surgeon General's Report, How Tobacco Causes Disease: The Biology and Behavioral Basis for Tobacco-Attributable Disease

2008 – 2009 Program Committee for Tobacco Cessation, National Conference on Tobacco or Health

2009 Invited Participant, Drug Abuse Vulnerability and Neurodevelopmental Effects of Early Exposure to Secondhand Tobacco Smoke organized by National Institute and Drug Abuse and National Cancer Institute, January 2009

2009 Scientific Advisory Board, University of Texas, Galveston, TCSSA (Center Grant)

2007 & 2009 Co-Chair (with Mitch Zeller), Science and Future Directions for Nicotine Regulation, Bethesda, MD, funded by NIDA, NCI and American Legacy Foundation

2005 – 2008 Co-chair (with Mitch Zeller), Strategic Dialogue on Tobacco Harm Reduction, funded by Robert Wood Johnson Foundation, American Legacy Foundation

2007 Co-chair (with Linda Bailey), Cessation Program, National Conference on Tobacco or Health, Minneapolis, MN

2006 Scientific Advisor, T32 NIDA Training Grant, Training in Drug Abuse and Brain Imaging, Harvard Medical School

2002 - 2004 BIRCWH Advisory Council, Virginia Commonwealth University

2004 Scientific Consultant, Tobacco Dependence Treatment: Expanding the Options, NIDA, NCI, NIAAA

2004 Program Chair, Methods and Biomarkers to Assess Reductions in Tobacco Toxin Exposure, NCI, CDC, NIDA, NIAAA, NIH, February, Washington, DC

2004 Consultant, University of California, San Francisco – School of Dentistry, Save a Life: Dentist-Assisted Tobacco Cessation, National Advisory Board, January, San Francisco, CA

2000 - 2002 Executive Advisory Panel, Youth Cessation Panel, Robert Wood Johnson Foundation Grant to Roswell Park Cancer Institute and Barker Bi-Coastal Health Consultants

2002 Chair of Delivery Group, NCI-NIDA-NIAAA Working Group on Pharmacological Approaches to Nicotine Addiction,

2001 Program Co-Chair, Biomarkers for Tobacco Exposure. Application to Clinical and Epidemiological Studies, University of Minnesota TTURC, Cancer Center, Continuing Medical Education, Medical School, October, Minneapolis, MN

2001 Program Co-Chair (with John Slade), Reducing Tobacco Harm Conference, NCI, NIDA, CDC, American Legacy Foundation, Robert Wood Johnson Foundation, May Arlington, VA

1996 - 2000 Consultant, National Spit Tobacco Education Program, Oral Health America

1999 Program Chair, SRNT/CDC Expert Panel on Treatment Outcome Methods for Youth Cessation, October, Atlanta, GA

1999 Program Chair, SRNT/CDC/NCI/NIDA/RWJF, Methodology and Outcome Measures for Tobacco Use Cessation, November, Washington, D.C.

1998 Consultant, Center for the Advancement of Health, Treating Tobacco Dependence in the U.S. Ad Hoc Group

1998 Invited Discussant, Georgetown University Center for Drug Development Science and the Food and Drug Law Institute, Conference on Tobacco

Dependence: Innovative Regulatory Approaches to Reduce Death and Disease, April

1996 Consultant, NIDA Treatment Workgroup, The Use of Behavioral Therapy in Medication Efficacy Trials for the Treatment of Cocaine Addiction

1996, 1998 Consultant, Treatment of Smokeless Tobacco, Adolescent Smokers, Stanford University

1997 Invited Discussant, Centers for Disease Control, Adolescent Smoking Cessation

1997 Invited Participant, Office of Research on Women's Health of NIH, Beyond Hunt Valley: Research on Women's Health for the 21st Century

1994 Participant, President's Cancer Panel, NCI's Ad Hoc Panel on FTC Cigarettes Test Methods

1994 Scientific Consultant, Food and Drug Administration Drug Abuse Advisory Committee, Nicotine Addiction

1990 - 1991 Advisory Board for Drug Abuse Research Center, University of Colorado, Boulder, Colorado

Local

1999 - 2006 Co-chair (with Marc Manley), Annual Reducing Tobacco Use in Minnesota: Research into Action, Department of Psychiatry, The Cancer Center and Blue Cross Blue Shield of Minnesota, Minneapolis, MN

1996 - 1999 Director, Minnesota Consortium for Addiction Studies, University of Minnesota

1989 - 1999 Consultant, Department of Psychology, Veteran Administration Medical Center, Minneapolis, Minnesota

1990 - 1991 Parent Advisory Board, University of Minnesota Child Care Center, Minneapolis, Minnesota

1986 - 1990 Consultant, Hazelden Foundation, Center City, Minnesota

1981 - 1987 Consultant, Blue Cross/Blue Shield, St. Paul, Minnesota

1979 Consultant, Alcohol and Drug Abuse Program, St. Paul Ramsey

PROFESSIONAL ORGANIZATIONS:

American Psychological Association
 Society for Research on Nicotine and Tobacco
 College on Problems of Drug Dependence
 American Association for Cancer Research
 American Public Health Association

REVIEWER:

Co-Editor

1993 - 1994 *Behavioral Approaches to Addiction*
 Cahners Healthcare Communication
 Educational Information for Physicians

Editorial Board

1995 - present *Drug and Alcohol Dependence*

Consulting Editor

1994 - 2000 *Experimental and Clinical Psychopharmacology*

Journal Reviewer

1987 -present

Addiction
American Journal of Psychiatry
Behavior Therapy
Biological Psychiatry
Cancer Epidemiology, Biomarkers & Prevention
Chest
Clinical Pharmacology and Therapeutics
Drug and Alcohol Dependence
Experimental and Clinical Psychopharmacology
Health Psychology
Journal of Abnormal Psychology
Journal of Behavioral Medicine
Journal of Clinical Psychiatry
Journal of Consulting and Clinical Psychology
Journal of Nervous and Mental Disease
Journal of Substance Abuse
Journal of the American Medical Association
Nicotine & Tobacco Research
Pharmacology, Biochemistry and Behavior
Preventive Medicine
Psychopharmacology

Grant Reviewer

2009 Grant Reviewer, Improving Smoking Cessation in Low Income Adult Populations, National Institutes on Health, National Cancer Institute, April 2009

2008 Grant Reviewer, American Cancer Society, Intramural Research Program, Epidemiology and Surveillance Research, Atlanta, November 2008

2006 Cancer Research UK, Quinquennial Review of the Cancer Research UK Health Behavior Unit, September, London, Program Reviewer

2006 National Institutes on Health, NIH Directors New Innovators Award

2005 Ad Hoc Reviewer, Board of Scientific Counselors, National Institute on Drug Abuse

2003 National Cancer Institute, Special Emphasis Panel, Centers for Excellence in Cancer Communications Research

2003 Health Services and Public Health Research Board, Medical Research Council, United Kingdom

2001 Ad Hoc Reviewer, National Institute on Drug Abuse, Medications Development Subcommittee

2000	National Center for Research Resources, General Clinical Research Center, Site Visit, University of Chicago
2000	AIDS and AIDS-Related Research Scientific Review Group 8, National Institutes of Health
1999	American Legacy Foundation, Evaluation Coordinating Center
1997	National Center for Research Resources, General Clinical Research Center, Site Visit, Johns Hopkins
1995	National Center for Research Resources, General Clinical Research Center, Site Visit, University of Chicago
1994	Tobacco Related-Disease Research Program, University of California, Berkeley
1994	National Center for Research Resources, General Clinical Research Center, Site Visit, Duke University
1984 - 1988	National Institute on Drug Abuse, Clinical and Behavioral Pharmacology Study Section Member
1987 - 1988	National Cancer Institute (Ad Hoc grant reviewer)

CURRENT GRANTS:

PI or Co-PI

P-50 DA13333-09 (Hatsukami) NIDA/NCI/NIH Tobacco Exposure Reduction The purposes of this center grant are to: a) develop valid biomarkers to test novel tobacco products and other methods that may be associated with reduction in tobacco toxicant exposure; b) examine tobacco exposure reduction methods on toxicant exposure and tobacco use patterns; and c) develop animal models to test novel tobacco products.	9/30/1999 – 5/31/2010 (no cost extension) \$1,812,363
R01 CA135884-01A1 (Hatsukami) NIH/NCI Evaluation of Oral Tobacco as a Harm Reduction Method for Smokers The purpose of this grant is to determine the efficacy and toxicant exposure of oral tobacco products versus medicinal nicotine in helping smokers quit smoking.	5/1/2008 – 2/28/2013 \$509,014
R01 DA025598 (Hatsukami) NIH/NIDA Innovative Interventions for Smoking Cessation The purpose of this study is to examine the effects of nicotine-free cigarettes plus nicotine patch, nicotine-free cigarettes alone and nicotine patch alone on abstinence and withdrawal effects.	8/1/2009 – 7/31/2011 \$457,949
R01CA141531 (Hatsukami) NIH/NCI Novel Determinants and Measures of Smokeless Tobacco Use The purposes of this grant are to determine the toxicant exposure across smokeless tobacco product brands from different regions of the country and to determine the effects of switching from a high nicotine product to a low nicotine product among smokeless tobacco users.	7/1/2009 – 6/30/2014 \$574,076
N01-PC-64402 (Shields, P)	9/15/2006 – 9/14/2011

NIH/NCI (Subcontract from Georgetown University) \$867,973 (subaward)
Laboratory Assessment of Tobacco Use Behavior and Exposure to Toxins Among Users of New Tobacco Products
The purpose of this project is to develop valid method and measures to assess new tobacco products.
Role: Co-Principal Investigator (Site PI)

Co-Investigator

P30 CA 077598 (Yee) 2/1/2009 - 1/31/2014
NIH/NCI \$3,610,915
Cancer Center Support Grant
This award provides infrastructure for cancer research, education and patient care for the citizens of the Minnesota and the surrounding region.
Role: Associate Director, Cancer Prevention and Control

5 R01 CS-092025 (PI: Hecht, S) 7/24/2001 – 5/31/2012
NIH/NCI \$338,468
Benzo[a]pyrene Metabolism:
The purpose of this project is to examine the metabolism of benzo[a]pyrene in current smokers by genotype in a high risk lung cancer cohort.

R01 ES/CA-011297 (PI: Hecht, S) 2/18/2002 – 3/31/2012
NIH/NIEHS \$314,566
DNA Adducts of the Carcinogen Acetaldehyde
The goal of this project is to develop methods for quantitation of acetaldehyde-DNA adducts and investigate mechanisms of carcinogenesis by acetaldehyde.

R01 DA008075 (PI: Allen, S) 3/1/1993 – 4/30/2011
NIH/NIDA \$387,357
Menstrual Phase and Depression Symptoms in Acute Smoking Abstinence
The purpose of this proposal is to examine the relationship between menstrual phase and depression symptoms in acute smoking abstinence.

R01 CA1222444-01A2 (Yuan, J-M) 4/1/2008 – 1/31/2013
NIH/NCI \$544,893
Randomized Trial of PEITC as a Modifier of NNK Metabolism in Smokers
The purpose of this grant is to determine if PEITC reduces carcinogen metabolism and biomarkers of toxicity in smokers.

P01 CA89392-07 (Beirut, L) 12/1/2000 – 06/30/2013
NIH/NCI \$89,329 (subaward)
Collaborative genetic study of nicotine dependence
The purpose of this proposal is to detect, evaluate and characterize genetic and environmental causes of nicotine dependence and related phenotypes.

R01 DAO25588-01 (Johnson, E) 12/1/2008 - 11/30/2013
NIH/NIDA \$29,653 (subaward)
Genetic study of nicotine dependence in African Americans

The purpose of this proposal is to detect, evaluate and characterize genetic and environmental causes of nicotine dependence and related phenotypes in African Americans

R01 CA138417 (Ebbert)
NIH/NCI

5/1/2009 - 4/30/2010
\$176934 (subaward)

Combination Therapy with Varenicline and Bupropion

The purpose of this project is to compare the efficacy of varenicline plus bupropion vs. varenicline alone.

U26IH30012 (A. Lanier)

Indian Health Services (NIH/NIDA)

9/15/2008 – 9/17/2011

Alaska Native and Tribal Health Consortium/NCI

\$29,868 (subaward)

Nicotine exposure and Metabolism in Alaska Native Adults

The purpose of this grant is to assess tobacco use and carcinogen exposure.

Role: Scientific Director

Pending

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JOURNAL PUBLICATIONS:

Hatsukami, D.K., Hanson, K., Briggs, A., Parascandola, M. Genkinger, J., O'Connor, R. & Shields, P. (in press), Clinical trials methods for evaluation of potential reduced exposure products, *Cancer Epidemiology, Biomarkers and Prevention*.

Carter, L., Stitzer, M., Henningfield, J., O'Connor, R., Cummings, K.M., & *Hatsukami, D.K. (in press) Abuse liability assessment of tobacco products including potential reduced exposure products (PREPs), *Cancer Epidemiology, Biomarkers and Prevention*.

Hanson, K., O'Connor, R. & *Hatsukami, D. (in press), Measures for assessing subjective effects of potential reduced exposure products, *Cancer Epidemiology, Biomarkers and Prevention*.

Marian, C., O'Connor, R., Djordjevic, M., Rees, V., Hatsukami, D., & Shields, P. (in press), Reconciling human smoking behavior and machine smoking patterns: Implications for understanding smoking behavior and the impact on laboratory studies, *Cancer Epidemiology, Biomarkers and Prevention*.

- Rees, V.W., Kreslake, J.M., O'Connor, R.J., Cummings, K.M., Hatsukami, D.K., Parascandola, M., Shields, P.G., Connolly, G.N. (in press), Methods used in internal industry clinical trials to assess tobacco risk reduction, *Cancer Epidemiology, Biomarkers and Prevention*.
- O'Connor, R., Cummings, K.M., Rees, V., Connolly, G., Norton, D., Swenor, D., Hatsukami, D.K., & Shields, P. G. (in press), Surveillance methods for identifying, characterizing, monitoring tobacco products: potential reduced exposure products as an example, *Cancer Epidemiology, Biomarkers and Prevention*.
- Rees, V.W., Kreslake, J.M., Cummings, K.M., O'Connor, R.J., Hatsukami, D.K., Parascandola, M., Shields, P.G., Connolly, G.N. (in press), Assessing consumer responses to potential reduced exposure tobacco products: A review of tobacco industry and independent research methods. *Cancer Epidemiology, Biomarkers and Prevention*.
- Hatsukami, D.K., Kotlyar, M., Hertzgaard, L.A., Yang, Y., Carmella, S.G., Jensen, J.A., et al., (in press) Reduced nicotine content cigarettes: Effects on toxicant exposure, dependence and cessation. *Addiction*.
- Stepanov, I., Villalta, P.W., Knezevich, A., Jensen, J., Hatsukami, D.K., Hecht, S.S. (in press) Analysis of 23 polycyclic aromatic hydrocarbons in smokeless tobacco by gas chromatography-mass spectrometry. *Chemical Research in Toxicology*.
- Zinggler Berg, J., Mason, J., Boettcher, A.J., Hatsukami, D.K., Murphy, S.E. (in press) Nicotine metabolism in African Americans and European Americans: variation in glucuronidation by ethnicity and UGT2B10 haplotype. *The Journal of Pharmacology and Experimental Therapeutics*.
- Stepanov, I., Carmella, S.G., Briggs, A., Hertzgaard, L., Lindgren, B., Hatsukami, D., Hecht, S.S. (2009) Presence of the carcinogen N'-nitrosonornicotine in the urine of some users of oral nicotine replacement therapy products. *Cancer Research*, 69(21):8236-8240.
- Saccone, N.L., Wang, J.C., Breslau, N., Johnson, E.O. Hatsukami, D., Saccone, S.F., Gruzca, R.A., Sun, L., Duan, W., Budde, J., Culverhouse, R.C., Fox, L., Hinrichs, A.L., Steinbach, J.H., Wu, M., Rice, J.P., Goate, A.M., Bierut, L.J. (2009) The CHRNA5-CHRNA3-CHRNA4 nicotinic receptor subunit gene cluster affects risk for nicotine dependence in African-Americans and in European-Americans. *Cancer Research*, 69(17):6848-6856.
- Oncken, C., Campbell, W., Chan, G., Hatsukami, D., Kranzler, H.R. (2009) Effects of nicotine patch or nasal spray on nicotine and cotinine concentrations in pregnant smokers. *The Journal of Maternal-Fetal & Neonatal Medicine*, 22(9):751-758.
- Wang, J.C., Cruchaga, C., Saccone, N.L., Bertelsen, S., Liu, P., Budde, J.P., Duan, W., Fox, L., Gruzca, R.A., Kern, J., Mayo, K., Reyes, O., Rice, J., Saccone, S.F., Spiegel, N., Steinbach, J.H., Stitzel, J.A., Anderson, M.W., You, M., Stevens, V.L., Bierut, L.J., Goate, A.M. (2009) Risk for nicotine dependence and lung cancer is conferred by mRNA expression levels and amino acid change in CHRNA5. *Human Molecular Genetics*, 18(16):3125-3135.
- Baker, T.B., Cummings, K.M., Hatsukami, D.K., Johnson, C.A., Lerman, C., Niaura, R., O'Malley, S.S. (2009) Transdisciplinary Tobacco Use Research Centers: Research achievements and future implications. *Nicotine & Tobacco Research*, 11(10):1231-1244.

- Allen, S.S., Allen, A.M., Lunos, S., & Hatsukami, D.K. (2009) Patterns of self-selected smoking cessation attempts and relapse by menstrual phase. *Addictive Behaviors*, 34(11):928-931.
- Ramoni, R.B., Saccone, N.L., Hatsukami, D.K., Bierut, L.J., & Ramoni, M.F. (2009) A testable prognostic model of nicotine dependence. *Journal of Neurogenetics*, 23(3):283-292.
- Zeller, M., Hatsukami, D. and Strategic Dialogue on Harm Reduction Group. (2009) The Strategic Dialogue on Tobacco Harm Reduction: A vision and blueprint for action in the United States. *Tobacco Control*. 18: 324-332.
- Hecht, S.S., Kassie, F., Hatsukami, D.K. (2009) Chemoprevention of lung carcinogenesis in addicted smokers and ex-smokers. *Nature Reviews. Cancer*, 9(7):476-488.
- Dickmann, P.J., Mooney, M.E., Allen, S.S., Hanson, K., & Hatsukami, D.K. (2009) Nicotine withdrawal and craving in adolescents: Effects of sex and hormonal contraceptive use. *Addictive Behaviors*, 34(6-7):620-623.
- Saccone, N.L., Saccone, S.F., Hinrichs, A.L., Stitzel, J.A., Duan, W., Pergadia, M.L., Agrawal, A., Breslau, N., Grucza, R.A., Hatsukami, D., Johnson, E.O., Madden, P.A., Swan, G.E., Wang, J.C., Goate, A.M., Rice, J.P., Bierut, L.J. (2009) Multiple distinct risk loci for nicotine dependence identified by dense coverage of the complete family of nicotinic receptor subunit (CHRN) genes. *American Journal of Medical Genetics. Part B, Neuropsychiatric Genetics*, 150B(4):453-466.
- Carmella, A.G., Chen, M., Han, S., Briggs, A., Jensen, J., Hatsukami, D.K. & Hecht, S.S. (2009) Effects of smoking cessation on eight urinary tobacco carcinogen and toxicant biomarkers. *Chemical Research in Toxicology*, 22(4):734-741.
- Agrawal, A., Pergadia, M.L., Balasubramanian, S., Saccone, S.F., Hinrichs, A.L., Saccone, N.L., Breslau, N., Johnson, E.O., Hatsukami, D., Martin, N.G., Montgomery, G.W., Goate, A.M., Rice, J.P., Bierut, L.J. & Madden, P.A.F. (2009) Further evidence for an association between the GABAA genes on chromosome 4 and FTND-based nicotine dependence. *Addiction*, 104(3):471-477.
- Stepanov, I., Jensen, J., Hatsukami, D., & Hecht, S.S. (2009) New and traditional smokeless tobacco: comparison of toxicant and carcinogen levels. *Nicotine and Tobacco Research*, 10(12):1773-1782.
- Hertsgaard, L.A., Hanson, K., Hecht, S.S., Lindgren, B.R., Luo, X., Carmella, S.G., Riley, W.T., Zylla, E.B., Murphy, S.E., & *Hatsukami, D.K. (2008) Exposure to a tobacco-specific lung carcinogen in adolescent vs. adult smokers. *Cancer Epidemiology, Biomarkers and Prevention*, 17(12):3337-3343.
- Fu, S.S., Burgess, D.J., Hatsukami, D.K., Noorbaloochi, S., Clothier, B.A., Nugent, S., & van Ryn, M. (2008) Race and nicotine replacement outcomes among low-income smokers. *American Journal of Preventive Medicine*, 35(6 Suppl):S442-448.
- Fu, S.S., Kodl, M.M., Joseph, A.M., Hatsukami, D.K., Johnson, E.O., Breslau, N. Wu, B. & Bierut, L. (2008) Racial/ethnic disparities in the use of nicotine replacement therapy and quit ratios in lifetime smokers ages 25 to 44 years. *Cancer Epidemiology, Biomarkers and Prevention*, 17(7):1640-1647.
- Le Marchand, L., Derby, K.S., Murphy, S.E., Hecht, S.S., Hatsukami, D., Carmella, S.G., Tiirikainen, M., & Wang, H. (2008) Smokers with the CHRNA lung cancer-associated variants are exposed to

- higher levels of nicotine equivalents and a carcinogenic tobacco-specific nitrosamine. *Cancer Research*, 68(22):9137-9140.
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- Hatsukami, D. & Pickens, R. (1980). *Depression and Alcoholism*. Hazelden Foundation, Center City, Minnesota.

SCIENTIFIC PRESENTATIONS SINCE 2000:

- Allen, A.M., Allen, S.S., al' Absi, M., Hatsukami, D.K. (2009) Menstrual phase differences in nicotine response after acute smoking abstinence. Poster presentation at the College on Problems of Drug Dependence Annual Meeting, Reno, Nevada, June, 2009
- Mooney, M.E., Oliver, A.J., Hatsukami, D.K. (2009) Waking at night to smoke in adolescent and adult smokers. Poster presentation at the College on Problems of Drug Dependence Annual Meeting, Reno, Nevada, June, 2009
- Hatsukami, D. (2008) Analysis of patient reported outcomes on urge to smoke from pooled pivotal studies on varenicline in smokers, American Thoracic Society International Conference, Toronto, Canada, May, 2008
- Rigotti, N, Reus, V, Glover, E, Tashkin, D, Oncken, C, Rennard, S, Gonzales, D, Jorenby, D, Akhavan, R, Kalnik, M, Hohenboken, M, & Hatsukami, D. (2008) Nicotine vaccine vs placebo for smoking cessation: long-term abstinence and quitting. Poster presentation at the 14 Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February, 2008

Saccone, NL, Saccone, SF, Hinrichs, AL, Stitzel, JA, Duan, W, Pergadia, ML, Agrawal, A, Breslau, N, Chase, GA, Grucza, RA, Hatsukami, D, Johnson, EO, Madden, PAF, Swan, GE, Wang, JC, Goate, AM, Rice, JP, & Bierut, LJ. Independent and interacting nicotinic receptor variants influence nicotine dependence risk. Symposium presentation at the 14 Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February, 2008

Johnson, EO, Breslau, N, Hatsukami, D, Saccone, NL, Goate, AM, Rice, JP, & Bierut, LJ. Withdrawal and craving symptoms among nicotine dependent smokers: A candidate gene study of nicotinic receptor genes. Symposium presentation at the 14 Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February, 2008

Hatsukami, D. Tobacco products: evidence base for regulation. Symposium presentation at the 14 Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February, 2008

Mooney, M, Jensen, J, Hertsgaard, L, Oliver, A, & Hatsukami D. Reversing nicotine dependence: Evidence from studies of tobacco reduction or substitution with potentially reduced harm products. Poster presentation at the 14 Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February, 2008

Jensen, J, Anderson, A, Babb, D, Mooney, M, & Hatsukami, D. Smokeless tobacco initiation products. Poster presentation at the 14 Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February, 2008

Fu, SS, van Ryn, M, Burgess, DJ, Hatsukami, DK, Noorbaloochi, S, Clothier, BA, Nugent, S, & Joseph, AM. "Real world" smoking cessation treatment outcomes among diverse low-income smokers. Poster presentation at the 14 Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February, 2008

Dickmann, PJ, Mooney, ME, Hatsukami, DK & Allen, SS. The effects of sex and hormonal contraceptive use on nicotine withdrawal symptoms in adolescents. Poster presentation at the 14 Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February, 2008

Hatsukami, D. Science for tobacco regulation: What we know and what we need to know. APHA 135th Annual Meeting and Expo, Washington, DC, November 2007

Hatsukami, D, Rennard, S, Gonzales, D, Rigotti, N, de Vos, A, Akhavan, R, Bortey, E, & Jorenby, D. (NicVAX demonstrated proof of concept at 6 months, an evaluation of a nicotine vaccine in smokers. Poster presentation at the 9th Annual Conference of European Society for Research on Nicotine and Tobacco, October 2007

Mooney, ME, Pentel, P & Hatsukami, D. Combination pharmacotherapy for nicotine dependence. Presentation at the National Conference on Tobacco or Health, Minneapolis, MN, October 2007.

Hatsukami, DK, Hecht, SS, Joseph, AM. Tobacco exposure reduction: Minnesota TTURC. Presentation at the National Conference on Tobacco or Health, Minneapolis, MN, October 2007.

- Gonzales, D, Hatsukami, DK, Shiffman, S. Variations in quitting patterns. Presentation at the National Conference on Tobacco or Health, Minneapolis, MN, October 2007
- Clark, P, Biener, L, Hatsukami, D, Eissenberg, T, Zeller, M. Rapid response research collaboration on emerging smokeless, spitless products. Presentation at the National Conference on Tobacco or Health, Minneapolis, MN, October 2007
- Barry, MB, Hatsukami, DK, Delnevo, C, Kemper, KE, Maziak, W. Expansion of Non-Cigarette Tobacco Products in the U.S. Presentation at the 2007 National Conference on Tobacco or Health, Minneapolis, MN, October 2007
- Murphy, SE, Zinggeler, JM, Mason, J, Hatsukami, DK & von Weyarn, LB. Nicotine metabolism: Beyond CYP2A6 genotype. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Barry, M, Delnevo, C, Eissenberg, T, Hatsukami, DK & Kemper, KE . Expansion of non-cigarette tobacco products: Current research and policy implications. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Hatsukami, DK Smokeless tobacco: Hope for the future? Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- O'Malley, SS, Mazure, CM, Sofuoglu, S, Staley, J, Piper, ME, Allen, S & Hatsukami, D. Molecules to behavior: The influence of gender and hormones on responses to nicotine and smoking cessation. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Allen, S, Bade, T & Hatsukami, D. Smoking relapse in women: Effect of menstrual phase. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Kotlyar, M, Mendoza-Baumgart, MI, Li, ZZ, Pentel, PR, Barnett, BC, Feuer, RM, Smith, EA & Hatsukami, DK. Nicotine pharmacokinetics and subjective effects of five smokeless tobacco products. Paper presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Fu, SS, Kodl, M, Joseph, AM, Hatsukami, DK, Johnson, EO, Breslau, N, Wu, B & Bierut, L. Ethnic disparities in smoking cessation and tobacco treatment among middle-aged smokers. Paper presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Mooney, M, Murphy, S, Le, C & Hatsukami D. Longitudinal study of the nicotine-metabolite ratio in ad libitum and reducing smokers. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Ness, M, Mooney, M, Allen, S, Bade, T & Hatsukami, D. Psychiatric history in adolescent smokers undergoing smoking reduction. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007

- Johnson, EO, Morgan-Lopez, A, Bierut, LJ, Breslau, N & Hatsukami, D. Test of measurement invariance of the FTND across demographic groups: Assessment, effect size, and prediction of cessation. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Luo, Z, Alvarado, GF, Hatsukami, DK, Johnson, EO, Bierut, LJ & Breslau, N. Race differences in nicotine dependence in the COGEND study. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Jensen, J., Li, Z.Z., Mooney, M., Hatsukami D. Why do smokers switch to light cigarettes? Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Austin, Texas, February 2007
- Hatsukami, D, Le, C, Zhang Y, Joseph AM, Mooney ME, Carmella, SG, Hecht SS, Toxicant exposure in cigarette reduces vs. light smokers, Poster presentation at the European Society for Research on Nicotine and Tobacco, Kusadasi, Turkey, September 24-25, 2006.
- Mason, J.L., Hatsukami, D.K. (2005) Gender and ethnic differences in characteristics of smoking of callers interested in quitting smoking. Poster presentation at the College on Problems of Drug Dependence Annual Meeting, Orlando, Florida, June 18-23.
- Mendoza-Baumgart, M.I., Hatsukami, D.K. (2005) Newer smokeless tobacco products compared to medicinal nicotine: Health and behavioral consequences. Poster presentation at the College on Problems of Drug Dependence Annual Meeting, Orlando, Florida, June 18-23.
- Joseph, A., Hecht, S., Murphy, S., Gross, M., Lando, H., Bliss, R., Le, C., & Hatsukami, D. (2005) A randomized controlled trial of smoking reduction in heart disease patients. Presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Prague, Czech Republic, March 20-23.
- Mendoza-Baumgart, M., Tulunay, O., Jensen, J. & Hatsukami, D. (2005) Smokeless tobacco vs medicinal nicotine: a comparison of subjective and behavioral effects in smokers. Presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Prague, Czech Republic, March 20-23.
- al'Absi, M., Hatsukami, D., & Davis, G.L. (2005) Altered stress response and vulnerability for smoking relapse. Presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Prague, Czech Republic, March 20-23.
- Bade, T., Allen, S.S. & Hatsukami, D. (2005) Depressive and withdrawal symptoms effect on smoking relapse in women. Presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Prague, Czech Republic, March 20-23.
- Hatsukami, D., Rennard, S., Jorenby, D., Pentel, P., de Vos, A. & Horwith, G. (2005) Results of a phase 2, multi-center, randomized, double-blinded, placebo controlled, parallel-arm, dose comparison study to assess the immunogenicity and safety of 3'aminomethylnicotine-p.aeruginosa r-exoprotein a conjugate vaccine (NICVAX) administered to smokers. Presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Prague, Czech Republic, March 20-23.

- Mason, J., Hatsukami, D. (2004). The role of gender and acculturation in smoking behaviors and perceived health risk from smoking and nicotine among African-Americans. Poster presentation at the College on Problems of Drug Dependence Annual Meeting. San Juan, Puerto Rico, June 12-17.
- Kotlyar, M., Brauer, L., Tracy, T.S., Hatsukami, D.K., Harris, J. Bronars, C. & Adson, D.E. (2004) Effect of bupropion on cytochrome P450 2D6 (CYP2D6) activity. Poster presented at the College of Psychiatric and Neurologic Pharmacists (CPNP) Annual Meeting, Chicago, Illinois, April 22-25.
- TTURC Investigators (2004). Transdisciplinary tobacco use research centers: process, progress and research. Pre-conference presented at the Society for Research on Nicotine and Tobacco Annual Meeting, Scottsdale, Arizona, February 18-21.
- Fox, B., Zeller, M., Hatsukami, D., Curry, S., Bailey, L., Barry, M. (2004). Engaging scientists to promote evidence-based policy. Symposium presented at the Society for Research on Nicotine and Tobacco Annual Meeting. Scottsdale, Arizona, February 18-21.
- al'Absi, M., Hatsukami, D., Davis, G.L., Wittmers, L. (2004). Prospective examination of effects of smoking abstinence on cortisol and withdrawal symptoms as predictors of early smoking relapse. Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting. Scottsdale, Arizona, February 18-21.
- Bade, T., Allen, S.S., Hatsukami, D. (2004). Premenstrual, craving and withdrawal symptoms affect on smoking relapse. Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting. Scottsdale, Arizona, February 18-21.
- Jensen, J., Babb, D., Hatsukami, D. (2004). Treating tobacco addiction with tobacco: What do smokers think? Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting. Scottsdale, Arizona, February 18-21.
- Kotlyar, M., Jensen, J., Li, S., Hatsukami, D. (2004). Effect of smoking reduction on cardiovascular biomarkers and subjective measures. Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting. Scottsdale, Arizona, February 18-21.
- Lind-Ayres, M., Allen, S.S., Hatsukami, D. (2004). Cholesterol levels and smoking rates as risk factors for cardiovascular disease. Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting. Scottsdale, Arizona, February 18-21.
- Mason, J., Hatsukami, D. (2004). Smoking cessation and perceived health risk from nicotine and smoking among black and white smokers. Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting. Scottsdale, Arizona, February 18-21.
- Mooney, M., Babb, D., Jensen, S., Jensen, J., Hatsukami, D. (2004). Temporal patterns of nicotine gum use in a clinical trial of interventions to increase nicotine gum use. Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting. Scottsdale, Arizona, February 18-21.
- Tulunay, O., Zylla, E., Jensen, J., Hatsukami, D. (2004). Carcinogen uptake in adolescent smokers. Poster presented at the Society for Research on Nicotine and Tobacco Annual Meeting. Scottsdale, Arizona, February 18-21.

- Baker, T.B., Hatsukami, D., Lerman, C., O'Malley, S., Shields, A. & Fiore, M. (2003). Tobacco treatment evaluation: achieving transdisciplinary integration. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, Louisiana, February 19-22.
- Hughes, J.R., Novy, P.M., Hatsukami, D.K., Jensen, J. and Callas, P.M. (2003). Efficacy of nicotine replacement in smokers with and without past alcohol problems. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, Louisiana, February 19-22.
- Bade, T., Allen, S.S. & Hatsukami, D. (2003). Cardiovascular risk factors in postmenopausal women during short-term abstinence. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, Louisiana, February 19-22.
- Sofuoglu, M., Babb, D.A. & Hatsukami, D.K. (2003). Labetalol treatment enhances the attenuation of tobacco withdrawal symptoms of nicotine in abstinent smokers. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, Louisiana, February 19-22.
- Mooney, M., Babb, D., Jensen, J. & Hatsukami, D. (2003). Attitudes and knowledge about nicotine replacement therapy in treatment seeking smokers: preliminary findings from three measures. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, Louisiana, February 19-22.
- Mason, J. & Hatsukami, D. (2003). Comparing nicotine dependence among black and white smokers. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, Louisiana, February 19-22.
- Christianson, D., Allen, S., Hatsukami, D., Reich, B. & Mielke, B. (2002). Menstrual cycle effects on smoking relapse. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Savannah, Georgia, February 20-23.
- Brauer, L.H., Babb, D., Mooney, M. & Hatsukami, D. (2002). Effects of the nicotine patch, alone and in combination with the nicotine inhaler, on cotinine concentrations and craving for cigarettes. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Savannah, Georgia, February 20-23.
- Mason, J., Murphy, S. & Hatsukami, D. (2002). Racial/ethnic differences in nicotine metabolism using transdermal nicotine patches. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Savannah, Georgia, February 20-23.
- Jensen, J., Reich, B. & Hatsukami D. (2002). Accuracy of self-report of smoking. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Savannah, Georgia, February 20-23.
- Lemmonds, C., Jensen, J., White, T., Schulte, S., Link, C., Murphy S., Losey, L., Fristad, A., Carmella, S., Hecht, S. & Hatsukami, D. (2002). Smoking reduction: effect on biomarkers of toxicity and exposure. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Savannah, Georgia, February 20-23.
- Murphy, S.E., Link, C., Zinggeler, J., Jensen, J., Hatsukami, D.K., Losey, L., Carmella, S.G. & Hecht, S.S. (2002). Urinary excretion of nicotine metabolites and 4-(methylnitrosamino)-1-(3-pyridyl)-1butanone (NNK) metabolites by smokers following reduction of cigarette consumption. Poster

presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Savannah, Georgia, February 20-23.

Mooney, M., White, T., & Hatsukami, D. (2002). The blind spot in the nicotine replacement therapy literature: assessment of the double-blind. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Savannah, Georgia, February 20-23.

Sofuoglu, M., Dudish-Poulsen, S., & Hatsukami, D. (2002). Cocaine withdrawal symptoms are associated with enhanced subjective response to cocaine. Poster presentation at the College on Problems of Drug Dependence Annual Meeting, Quebec City, June 7-14.

Hatsukami, D. (2001). Harm reduction products: What, when, where, whom. Panel member for Harm Reduction: Issues for Tobacco Control, American Public Health Association, Atlanta, Georgia, October, 2001.

Society for Research on Nicotine and Tobacco (2001). The effects of hormones on nicotine dependence. Discussant, Seattle, WA, March 2001.

Hanson, K., Hatsukami, D., Jensen, S. & Allen, S. (2001). Treatment of adolescent smokers with the nicotine patch. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Seattle, Washington, March 22-25.

Lemmonds, C.A., Mooney, M. & Hatsukami, D. (2001). Characteristics of cigarette smokers seeking treatment for cessation vs. reduction. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Seattle, Washington, March 22-25.

Christianson, D., Allen, S., Hatsukami, D. & Hess, T. (2001). The effects of hormone replacement therapy on finger tapping rates in postmenopausal women. Poster presentation at Society for Research on Nicotine and Tobacco Annual Meeting, Seattle, Washington, March 22-25.

Jensen, J., Edmonds, A., Carmella, S., Hecht, S. & Hatsukami, D. (2001). Duration of smokeless tobacco exposure and its relationship to NNAL + NNAL-GLUC and cotinine levels. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Seattle, Washington, March 22-25.

Hansel, S., Allen, S., Hatsukami, D., Hess, T. & Christianson, D. (2001). Perceived versus actual weight gain in postmenopausal smokers in short term smoking abstinence. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Seattle Washington, March 22-25.

Sofuoglu, M., Babb, D.A. & Hatsukami, D.K. (2001). Progesterone treatment during the early follicular phase of the menstrual cycle: effects on smoking behavior in women. Poster presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, Seattle, Washington, March 22-25.

Sofuoglu, M., Babb, D.A. & Hatsukami, D.K. (2001). Effects of progesterone treatment on smoked cocaine response in humans. Poster presentation at the College on Problems of Drug Dependence 63rd Annual Scientific Meeting, Scottsdale, Arizona, June 16-21.

Hatsukami, D. (2000). Treatment of smokeless tobacco users. Paper presentation at the World Conference on Tobacco or Health, Chicago, IL, August 2000

- Severson, H.H., Kaufman, N.K., Hatsukami, D., Walsh, M., Orleans, C.T. & Williams, C. (2000). Tobacco use and spit tobacco cessation among professional baseball players. Poster presented at the SRNT Annual Meeting, Washington, DC, February 18-20, 2000.
- al'Absi, M., Amunrud, T., Petersen, K. & Hatsukami, D. (2000). Short-term smoking abstinence enhances psychophysiological responses to brief cognitive challenges in habitual smokers. Poster presented at the SRNT Annual Meeting, Washington, DC, February 18-20, 2000.
- al'Absi, M., Amunrud, T., Hatsukami, D. & Petersen, K. (2000). Enhanced adrenocortical activity and attenuated responses to psychological stress in abstinent smokers. Poster presented at the SRNT Annual Meeting, Washington, DC, February 18-20, 2000.
- Mooney, M., Brown, S., Grass, J., Ones, D. & Hatsukami, D. (2000). Meta-analysis of nicotine replacement and behavioral support in smoking cessation: an update. Poster presented at the SRNT Annual Meeting, Washington, DC, February 18-20, 2000.
- Hansel, S., Allen, S., Hatsukami, D. & Brown, S. (2000). Comparative estrogen levels of postmenopausal female smokers on hormone replacement therapy. Poster presented at the SRNT Annual Meeting, Washington, DC, February 18-20, 2000.
- Jensen, J., Brown, S. & Hatsukami, D. (2000). Relationship between close calls, lapse and relapse in smokeless tobacco users. Poster presented at the SRNT Annual Meeting, Washington, DC, February 18-20, 2000.
- Christianson, D., Allen, S., Hatsukami, D. & Brown, S. (2000). The effectiveness of hormone replacement therapy on tobacco cessation in postmenopausal women. Poster presented at the SRNT Annual Meeting, Washington, DC, February 18-20, 2000.
- Hanson, K., Hatsukami, D. Jensen, S. & Brown, S. (2000). Characteristics of teenagers seeking smoking cessation treatment. Poster presented at the SRNT Annual Meeting, Washington, DC, February 18-20, 2000.
- Brown, S., Jensen, J., Grass, J. & Hatsukami, D. (2000). A factor analysis of the Minnesota Withdrawal Symptom Checklist. Poster presented at the SRNT Annual Meeting, Washington, DC, February 18-20, 2000.
- Brown, S., Sofuoglu, M. & Hatsukami, D.K. (2000). Depressive symptoms predict subjective and physiological response to cocaine in humans. Abstract presented at the Sixty-Second Annual College on Problems of Drug Dependence, San Juan, Puerto Rico, June 17-22, 2000. *Drug and Alcohol Dependence*, 60(Supplement 1):S26.
- Hatsukami, D.K., Brown, S., Babb, D.A. & Sofuoglu, M. (2000). Characteristics of cocaine users with and without cocaine withdrawal symptoms. Abstract presented at the Sixty-Second Annual College on Problems of Drug Dependence, San Juan, Puerto Rico, June 17-22, 2000. *Drug and Alcohol Dependence*, 60(Supplement 1):S87.
- Sofuoglu, M., Brown, S., Pentel, P.R. & Hatsukami, D.K. (2000). Carvedilol affects the physiological and behavioral response to smoked cocaine in humans. Abstract presented at the Sixty-Second

Annual College on Problems of Drug Dependence, San Juan, Puerto Rico, June 17-22, 2000. *Drug and Alcohol Dependence*, 60(Supplement 1):S208.

Specker, S., Crosby, R., Borden, J. & Hatsukami, D.K. (2000). Nefazodone in the treatment of females with cocaine abuse. Abstract presented at the Sixty-Second Annual College on Problems of Drug Dependence, San Juan, Puerto Rico, June 17-22, 2000. *Drug and Alcohol Dependence*, 60(Supplement 1):S211.

World Conference on Tobacco or Health (2000). Treatment of smokeless tobacco users. Paper presentation, Chicago, Illinois, August 2000.

World Conference on Tobacco or Health (2000). Success or failure: how do we measure? Examining tobacco treatment outcome methods in adults and youth. Session Chair and presenter, Chicago, Illinois, August, 2000.

World Conference on Tobacco or Health. (2000). SRNT treatment database and treatment advances. Session Chair and Presenter, Chicago, Illinois, August, 2000.

Hatsukami, D.K., Jensen, J.& Anderson-Edmonds, A. (2000). Tobacco exposure reduction in smokeless tobacco users. Poster presented at the International Congress of Behavioral Medicine, Brisbane, Australia, November 2000.

PRE-CONFERENCES AND SYMPOSIUMS CHAIRED SINCE 2000

Co-Chair (with Jack Henningfield), Regulating nicotine in tobacco products: State of the science and future policy. Symposium presentation at the 71st Annual Scientific Meeting of the College on Problems of Drug Dependence, Reno, Nevada, June, 2009

Chair, Smokeless tobacco for smokers: Science and future directions. Symposium presentation at the 15th Annual Conference of the Society for Research on Nicotine and Tobacco, Dublin, Ireland, April 2009

Co-Chair (with Mitch Zeller), Reduce the Harm from Tobacco: A Strategic Vision and Blueprint for Action, Preconference at 14th Annual Conference of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February 2008

Co-Chair (with Mitch Zeller) Reducing nicotine in tobacco products: A feasible harm reduction approach? Symposium presentation at the 14 Annual Meeting of the Society for Research on Nicotine and Tobacco, Portland, Oregon, February, 2008

Co-Chair (with Mitch Zeller), Strategic Dialogue on Tobacco Harm Reduction, Preconference at 9th Annual Conference of the Society for Research on Nicotine and Tobacco Europe, Madrid, October 2007

Co-Chair (with Mitch Zeller), Reduce the Harm from Tobacco: A Strategic Vision and Blueprint for Action, Preconference at the National Conference on Tobacco or Health, October 2007

Chair, Transdisciplinary research on tobacco dependence. Symposium presented at the College on Problems of Drug Dependence Annual Meeting, San Juan, Puerto Rico, June 2004

Chair, Tobacco exposure reduction: is it feasible? Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Meeting, New Orleans, Louisiana, February 2003

Chair, SRNT Treatment database and treatment advances, World Conference on Tobacco or Health, Chicago, IL, August 2000

INVITED LECTURES SINCE 2000

Smokeless Tobacco- What are the Right Questions? National Conference on Tobacco or Health, Phoenix, Arizona, June 2009

Novel Tobacco Products (webconference), The NIDA Nicotine/Tobacco Interest Group, April 7, 2009.

Science on Tobacco Harm Reduction Products and Future Research Needs, World Conference on Tobacco or Health, Mumbai, India, March, 2009

Applications of Biomarkers, World Conference on Tobacco or Health, Mumbai, India, March, 2009

Immunotherapies for Nicotine Addiction, World Conference on Tobacco or Health, Mumbai, India, March, 2009

Biomarkers of Tobacco Exposure, International Smokeless Tobacco Symposium, World Conference on Tobacco or Health, Mumbai, India, March 2009

Smokeless Tobacco Products, International Agency for Research on Cancer, Closed satellite session at the World Conference on Tobacco or Health, Mumbai, India, March, 2009

Congressional Briefing on *Immunotherapies for Substance Abuse*, Nicotine Immunotherapies, Friends of NIDA, July 29, 2008

Smokeless Tobacco: Research Questions, *The Cigarette Industry's Entry into the Smokeless Tobacco Market*, Harvard School of Public Health, July 10, 2008

National Cancer Advisory Board Meeting, Science and Future Research Directions for Reduced Nicotine Content Cigarettes, Bethesda, MD, February 2008.

Smokeless and Spit Tobacco Summit, National Tobacco Product Regulation, Oklahoma City, OK, March 2008

Nicotine Dependence Conference, Mayo Clinic, Harm Reduction: A Wolf in Sheep's Clothing, Rochester, MN, April 2008

Osaka University, Innovations in Tobacco Cessation: US Experience, Osaka, Japan, September 2007

3rd Asian Congress of Health Psychology, Reducing Tobacco Burden, Tokyo Japan, August 2008

Conference of the International Society for the Prevention of Tobacco Induced Diseases, Nicotine Addiction, Little Rock, AK, November 2007

European Conference on Tobacco or Health, Concerns for Allowing Smokeless to Complete with Smoking, Basel, Switzerland, October 2007

National Conference on Tobacco or Health, PREPs: Need for Regulation and Research, Minneapolis, MN, October 2007

National Conference on Tobacco or Health, How should the tobacco Control community respond to PREPs? , Minneapolis, MN, October 2007

St. Jude Children’s Research Hospital, Novel intervention methods to reduce tobacco harm. Memphis, TN, March, 2007

President’s Cancer Panel – Promoting Healthy Lifestyles to Reduce the Risk of Cancer, Novel tobacco products and the need for tobacco regulation, Jackson, MS, February, 2007

Breaking Ground: Alberta’s First Forum on Smokeless Tobacco and Tobacco Control, The current state of science informing smokeless tobacco issues, Edmonton, Alberta, February, 2007

NIH Translational Medication Development for Nicotine Dependence Workshop, Novel compounds: Vaccine, Washington, DC, January, 2007

Health Canada, Healthy Environments and Consumer Safety Branch, Evaluation of “reduced exposure” tobacco products: Measures and methods, Ottawa, Ontario, November, 2006

3rd Annual Spit Tobacco Summit, Mayo Clinic College of Medicine, Smokeless tobacco use: Harm reduction or harm induction?, Rochester, MN, October, 2006

Can We Make Smoking History in Our Lifetime conference, Harvard School of Public Health, Smokeless tobacco and harm reduction – a reality in our lifetime? Boston, MA, September 2006

13th Annual World Conference on Tobacco or Health, Do today’s potential reduced exposure products actually reduce exposure? July 2006

NIH State-of-the-Science Conference on Tobacco Use: Prevention, Cessation, and Control, Changing product/new tobacco delivery systems, Bethesda, MD, June 2006

University of Texas, Health Science Center at San Antonio, Medical School, Department of Psychiatry Grand Rounds, Novel interventions for tobacco addiction, San Antonio, Texas, February, 2006

American Association for Cancer Research, Frontiers in Cancer Prevention Research, Cancer prevention: Innovative methods to treat tobacco dependence, Baltimore, MD, November, 2005

Ontario Tobacco Research Unit, University of Ontario, Biological and Environmental Measurement Workgroup: Clinical applications for biomarkers, Toronto, Canada, May, 2005

University of Pennsylvania, TTURC Cancer Center Seminar, Tobacco harm reduction: issues, risks and benefits, April, 2005.

Medical University of South Carolina, Psychiatry Grand Rounds, Novel treatment methods for tobacco addiction, February 2005.

Medical University of South Carolina, Addiction Research Seminar, Tobacco addiction: treatment of special populations, February, 2005.

Third Annual American Association for Cancer Research International Conference, Frontiers in Cancer Prevention Research, Tobacco harm reduction: recent studies, Seattle, Washington, October 16-20, 2004

6th Annual Conference of the SRNT Europe, Immunotherapies for nicotine addiction, Tübingen, Germany, October 6-9, 2004

World Health Organization, Tobacco Product Regulation meeting, Biomarkers for toxicity, Montebello, Canada, October, 2004

California Department of Health Services, Harm Reduction Summit, Issues and challenges associated with modified cigarettes and cigarette-like products, Sacramento, CA, September, 2004

Minnesota COPD/Alpha-1 Education Day, Nicotine addiction & treatment, August, 2004

Georgetown University, Lombardi Cancer Center, Oncology Grand Rounds, Reducing tobacco toxin exposure, July, 2004

NIDA Medications Development for Cannabis Dependence, Potential clinical trials for reduction of risk, Bethesda, MD, April 2004

Johns Hopkins University School of Medicine, Behavioral Pharmacology Research Unit, Reducing tobacco toxin exposure: an alternative treatment approach? March, 2004

Arkansas Biosciences Institute, Innovations in the treatment of tobacco addiction, Keynote speaker, October, 2003

University of Arkansas, Department of Pharmacology and Toxicology, Reducing tobacco toxin exposure, October, 2003

American Association for Cancer Research, Frontiers in Cancer Prevention Research, Understanding tobacco and cancer through transdisciplinary science, Invited symposium chair, Scottsdale, Arizona, October, 2003

3rd International Conference on Smokeless Tobacco, Smokeless tobacco as cessation for smoking, Stockholm, Sweden, September, 2002

3rd International Conference on Smokeless Tobacco, Future research directions in harm reduction, Stockholm, Sweden, September, 2002

Addictions: Impact on Canada, Treatment of tobacco addiction, Royal Society of Canada, Ottawa, 2002

Adolescent Risk Conference, Institute of Adolescent Risk Communication, Annenberg Public Policy Center, University of Pennsylvania, Treatment of adolescent smokers, June 2002, (paper submitted, unable to attend)

University of Pittsburgh, Department of Pharmacology, Distinguished Lecturer, Future challenges in the treatment of nicotine addiction, April, 2002

International Advances in Dental Research, Managing nicotine addiction, Special symposium session, San Diego, California, March 2002

US-Japan Cooperative Cancer Research Symposium on Tobacco-Related Cancers, National Cancer Institute and Japan Society for the Promotion in Science, Reducing tobacco toxin exposure: strategies and methods, February, 2002.

Universidad de Salamanca, Terpias de sustucion a la nicotina and Tipologia del fumador: Terpias farmaco-comportamentales del habito de fumar. La adiccion a la nicotina, Salamanca, Spain, November, 2001

University of Vermont, Department of Psychiatry, Summer Retreat for a NIDA Training Grant, Hormonal influences on drug response, Burlington, VT, July, 2001

Yale University, Hormonal influences on responses to drugs, New Haven, CT, February, 2001

University of Connecticut, New frontiers in the treatment of nicotine addiction, February, 2001

Veterans Administration Medical, New frontiers in the treatment of nicotine addiction, February, 2001

International Smokeless Tobacco Conference, Prevention and treatment of smokeless tobacco, Chicago, IL, August, 2000.